

# INTERNATIONAL SEARCH REPORT

International Classification No  
PCT/GB 03/03616

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E21B47/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 46548 A (W H ENERGY SERVICES INC) 28 June 2001 (2001-06-28) page 4, line 16 - line 30; figure 1A	1,18,22
A	US 4 715 022 A (YEO DAVID E) 22 December 1987 (1987-12-22) column 1, line 49 -column 2, line 21; figure 1	1,18,22

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

3 November 2003

Date of mailing of the international search report

11/11/2003

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Information on patent family members

Internatio

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0146548	A	28-06-2001	US 6308562 B1	30-10-2001
			AU 4522601 A	03-07-2001
			BR 0016630 A	12-11-2002
			CA 2394076 A1	28-06-2001
			EP 1240402 A2	18-09-2002
			NO 20022632 A	21-08-2002
			WO 0146548 A2	28-06-2001
US 4715022	A	22-12-1987	NONE	

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